

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 09/786,8670  
Source: 1FW16  
Date Processed by STIC: 10/26/05

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IFW16

## RAW SEQUENCE LISTING

DATE: 10/26/2005

PATENT APPLICATION: US/09/786,867D

TIME: 11:30:42

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10262005\I786867D.raw

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3 <110> APPLICANT: MOROZ, Chaya
5 <120> TITLE OF INVENTION: DNA SEQUENCE ENCODING ONCOFETAL FERRITIN PROTEIN
7 <130> FILE REFERENCE: MOROZ=3
9 <140> CURRENT APPLICATION NUMBER: US 09/786,867D
C--> 10 <141> CURRENT FILING DATE: 2001-08-21
12 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00485
13 <151> PRIOR FILING DATE: 1998-09-11
15 <160> NUMBER OF SEQ ID NOS: 36
17 <170> SOFTWARE: PatentIn version 3.3
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 891
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
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27 taatgcacac tccattgcat tcagcccgcc tctccttagt cgccgccatg acgaccgcgt      120
29 ccacctcgca ggtgcgccag aactaccacc aggactcaga ggccgccatc aaccgccaga      180
31 tcaacctgga gctctacgcc tcctacgttt acctgtccat gtcttactac tttgaccgcg      240
33 atgatgtggc tttgaagaac tttgccaaat actttcttca ccaatctcat gaggagaggg      300
35 aacatgctga gaaactgatg aagctgcaga accaacgagg tggccgaatc ttccttcagg      360
37 atatcaagaa accagactgt gatgactggg agagcgggct gaatgcaatg gagtgtgcat      420
39 tacatttgga aaaaaatgtg aatcagtcac tactggaatt cccttctcct atctctccca      480
41 gtcctagctg ctggcatcac tatactacta acagaccgca acctcaacac caccttcttc      540
43 gaccccgccg gaggaagaga cccatttcta taccaacacc tattctgatt ttcgggtcac      600
45 cctgaagttt atattcttat cctaccaggc ttcggaataa tctcccatat tgtaacttac      660
47 tactccggaa atcgctgtcg cctaaccgct aacattactg caggccacct actcatgcac      720
49 ctaattggaa gcgccaccct agcaatatca accattaacc ttccctctac acttatcatc      780
51 ttcacaattc taattctact gactatccta gaaatcgctg tcgccttaat ccaagcctac      840
53 gttttcacac ttctagtaag cctctacctg cacgacaaca cataaaaaaa a          891
56 <210> SEQ ID NO: 2
57 <211> LENGTH: 885
58 <212> TYPE: DNA
59 <213> ORGANISM: Homo sapiens
61 <400> SEQUENCE: 2
62 gggggacgga acccggcgct cgttccccac cccggccggc cgcccatagc cagccctccg      60
64 tcacctcttc accgcaccct cggactgccc caaggccccc gccgccgctc cagcgccgcg      120
66 cagccaccgc cgccgcgcgc gcctctcctt agtcgcgcgc atgacgaccg cgtccacctc      180
68 gcaggtgcgc cagaactacc accaggactc agaggccgcc atcaaccgcc agatcaacct      240
70 ggagctctac gcctcctacg tttacctgtc catgtcttac tactttgacc gcgatgatgt      300
72 ggctttgaag aactttgcc aatactttct tcaccaatct catgaggaga gggaaacatgc      360
74 tgagaaactg atgaagctgc agaaccaacg aggtggccga atcttccttc aggatatcaa      420
76 gaaaccagac tgtgatgact gggagagcgg gctgaatgca atggagtgtg cattacattt      480
78 ggaaaaaaat gtgaatcagt cactactgga actgcacaaa ctggccactg acaaaaaatga      540

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80 ccccccatttg tgtgacttca ttgagacaca ttacctgaat gagcagggtga aagccatcaa      600
82 agaattgggt gaccacgtga ccaacttgcg caagatggga gcgcccgaat ctggcttggc      660
84 ggaatatctc ttgacaagc acaccctggg agacagtgat aatgaaagct aagcctcggg      720
86 ctaatttccc atagccgtgg ggtgacttcc ctggtcacca aggcagtgca tgcattgcatg      780
88 ttggggtttc ctttaccttt tctataagtt gtacccaaaac atccacttaa gttctttgat      840
90 ttgtaccatt ctttcaaata aagaaatttg gtacccaaaa aaaaa      885
93 <210> SEQ ID NO: 3
94 <211> LENGTH: 209
95 <212> TYPE: DNA
96 <213> ORGANISM: Homo sapiens
98 <400> SEQUENCE: 3
99 cttctcctat ctctcccagt cctagctgct ggcataccta tactactaac agaccgcaac      60
101 ctcaacacca ccttcttcga ccccgccgga ggaggagacc ccattctata ccaacaccta      120
103 ttctgatttt tcggtcaccc tgaagtttat attcttatcc taccaggctt cggaataatc      180
105 tcccatattg taacttacta ctccggaaa      209
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 891
110 <212> TYPE: DNA
111 <213> ORGANISM: Homo sapiens
113 <400> SEQUENCE: 4
114 ttgacaccag accaactggt aatggtagcg accggcgctc agctgggatt cctaaaatgt      60
116 aatgcacact ccattggcat tcagcccgcc tctccttagt cgccgccatg acgaccgct      120
118 ccacctcgca ggtgcgccag aactaccacc aggactcaga ggccgccatc aaccgccaga      180
120 tcaacctgga gctctacgcc tcctacgttt acctgtccat gtcttactac ttgaccgcg      240
122 atgatgtggc ttggaagaac ttgccaaat actttcttca ccaatctcat gaggagaggg      300
124 aacatgctga gaaactgatg aagctgcaga accaacgagg tggccgaatc ttccttcagg      360
126 atatcaagaa accagactgt gatgactggg agagcgggct gaatgcaatg gagtgtgcat      420
128 tacatttgga aaaaaatgtg aatcagtcac tactggaatt cccttctcct atctctccca      480
130 gtcctagctg ctggcatcac tatactacta acagaccgca acctcaacac caccttcttc      540
132 gaccccgccg gaggaagaga cccatttcta taccaacacc tattctgatt ttccggtcac      600
134 cctgaagttt atattcttat cctaccaggc ttcggaataa tctcccatat tgtaacttac      660
136 tactccggaa atcgctgtcg cctaaccgct aacattactg caggccacct actcatgcac      720
138 ctaattggaa gcgccaccct agcaatatca accattaacc ttccctctac acttatcatc      780
140 ttcacaattc taattctact gactatccta gaaatcgctg tcgccttaat ccaagcctac      840
142 gttttcacac ttctagtaag cctctacctg cagcacaaca cataaaaaaa a      891
145 <210> SEQ ID NO: 5
146 <211> LENGTH: 165
147 <212> TYPE: PRT
148 <213> ORGANISM: Homo sapiens
150 <400> SEQUENCE: 5
152 Met Thr Thr Ala Ser Thr Ser Gln Val Arg Gln Asn Tyr His Gln Asp
153 1 5 10 15
156 Ser Glu Ala Ala Ile Asn Arg Gln Ile Asn Leu Glu Leu Tyr Ala Ser
157 20 25 30
160 Tyr Val Tyr Leu Ser Met Ser Tyr Tyr Phe Asp Arg Asp Val Ala
161 35 40 45
164 Leu Lys Asn Phe Ala Lys Tyr Phe Leu His Gln Ser His Glu Glu Arg
165 50 55 60
168 Glu His Ala Glu Lys Leu Met Lys Leu Gln Asn Gln Arg Gly Gly Arg

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169	65		70		75		80
172	Ile	Phe	Leu	Gln	Asp	Ile	Lys
173				85			90
176	Gly	Leu	Asn	Ala	Met	Glu	Cys
177			100			105	110
180	Gln	Ser	Leu	Leu	Glu	Phe	Pro
181		115				120	125
184	Trp	His	His	Tyr	Thr	Thr	Asn
185		130			135		140
188	Arg	Pro	Arg	Arg	Arg	Lys	Arg
189	145			150			155
192	Ile	Phe	Arg	Ser	Pro		
193				165			
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197	<211> LENGTH: 24						
198	<212> TYPE: DNA						
199	<213> ORGANISM: Homo sapiens						
201	<400> SEQUENCE: 6						
202	ggtggcgacg actcctggag cccg						
205	<210> SEQ ID NO: 7						
206	<211> LENGTH: 24						
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208	<213> ORGANISM: Homo sapiens						
210	<400> SEQUENCE: 7						
211	ttgacaccag accaactggt aatg						
214	<210> SEQ ID NO: 8						
215	<211> LENGTH: 27						
216	<212> TYPE: DNA						
217	<213> ORGANISM: Homo sapiens						
219	<400> SEQUENCE: 8						
220	gaccgcgatg atgtggcttt gaagaac						
223	<210> SEQ ID NO: 9						
224	<211> LENGTH: 24						
225	<212> TYPE: DNA						
226	<213> ORGANISM: Homo sapiens						
228	<400> SEQUENCE: 9						
229	gataggatct ttagcgacag ccga						
232	<210> SEQ ID NO: 10						
233	<211> LENGTH: 24						
234	<212> TYPE: DNA						
235	<213> ORGANISM: Homo sapiens						
237	<400> SEQUENCE: 10						
238	atggcggcct ctgagtcctg gtgg						
241	<210> SEQ ID NO: 11						
242	<211> LENGTH: 24						
243	<212> TYPE: DNA						
244	<213> ORGANISM: Homo sapiens						
246	<400> SEQUENCE: 11						
247	cgggctgaat gcaatggagt gtgc						

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Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10262005\I786867D.raw

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250 <210> SEQ ID NO: 12
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252 <212> TYPE: DNA
253 <213> ORGANISM: Homo sapiens
255 <400> SEQUENCE: 12
256 gacccccatt tgtgtgac 18
259 <210> SEQ ID NO: 13
260 <211> LENGTH: 19
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <400> SEQUENCE: 13
265 cgacgactcc tggagcccg 19
268 <210> SEQ ID NO: 14
269 <211> LENGTH: 24
270 <212> TYPE: DNA
271 <213> ORGANISM: Homo sapiens
273 <400> SEQUENCE: 14
274 ttgacaccag accaactcgt aatg 24
277 <210> SEQ ID NO: 15
278 <211> LENGTH: 24
279 <212> TYPE: DNA
280 <213> ORGANISM: Homo sapiens
282 <400> SEQUENCE: 15
283 agccgacagc gatttctagg atag 24
286 <210> SEQ ID NO: 16
287 <211> LENGTH: 27
288 <212> TYPE: DNA
289 <213> ORGANISM: Homo sapiens
291 <400> SEQUENCE: 16
292 gttcttcaaa gccacatcat cgcgggtc 27
295 <210> SEQ ID NO: 17
296 <211> LENGTH: 28
297 <212> TYPE: DNA
298 <213> ORGANISM: Homo sapiens
300 <400> SEQUENCE: 17
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304 <210> SEQ ID NO: 18
305 <211> LENGTH: 24
306 <212> TYPE: DNA
307 <213> ORGANISM: Homo sapiens
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310 cagacgttct tcgccgagag tcgt 24
313 <210> SEQ ID NO: 19
314 <211> LENGTH: 27
315 <212> TYPE: DNA
316 <213> ORGANISM: Homo sapiens
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319 cagacgttct tcgccgagag tcgtcgg 27
322 <210> SEQ ID NO: 20

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Input Set : A:\sequence listing.txt

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323 <211> LENGTH: 20
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325 <213> ORGANISM: Homo sapiens
327 <400> SEQUENCE: 20
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332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Homo sapiens
336 <400> SEQUENCE: 21
337 gggggacgga acccggcgct                                20
340 <210> SEQ ID NO: 22
341 <211> LENGTH: 21
342 <212> TYPE: DNA
343 <213> ORGANISM: Homo sapiens
345 <400> SEQUENCE: 22
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350 <211> LENGTH: 24
351 <212> TYPE: DNA
352 <213> ORGANISM: Homo sapiens
354 <400> SEQUENCE: 23
355 ctatcctaga aatcgctgtc ggct                                24
358 <210> SEQ ID NO: 24
359 <211> LENGTH: 24
360 <212> TYPE: DNA
361 <213> ORGANISM: Homo sapiens
363 <400> SEQUENCE: 24
364 gtcactactg gaattccctt ctcc                                24
367 <210> SEQ ID NO: 25
368 <211> LENGTH: 24
369 <212> TYPE: DNA
370 <213> ORGANISM: Homo sapiens
372 <400> SEQUENCE: 25
373 ggagaaggga attccagtag tgac                                24
376 <210> SEQ ID NO: 26
377 <211> LENGTH: 21
378 <212> TYPE: DNA
379 <213> ORGANISM: Homo sapiens
381 <400> SEQUENCE: 26
382 ggaaatcgct gtcgcctaac c                                21
385 <210> SEQ ID NO: 27
386 <211> LENGTH: 21
387 <212> TYPE: DNA
388 <213> ORGANISM: Homo sapiens
390 <400> SEQUENCE: 27
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395 <211> LENGTH: 20

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VERIFICATION SUMMARY

DATE: 10/26/2005

PATENT APPLICATION: US/09/786,867D

TIME: 11:30:43

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10262005\I786867D.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date